

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (canceled).
2. (canceled).
3. (canceled).
4. (canceled).
5. (canceled).
6. (canceled).
7. (canceled).
8. (canceled).
9. (canceled).
10. (canceled).
11. (canceled).
12. (canceled).
13. (canceled).
14. (canceled).
15. (canceled).
16. (canceled).
17. (canceled).
18. (canceled).

19. (canceled).

20. (canceled).

21. (canceled).

22. (currently amended): A cutting tool comprising:

an end cutting edge at an end of a rake face; and

a depression formed in the rake face so as to provide the cutting edge with a concave edge portion;

wherein the depression has a curved peripheral surface that is a portion of a spheroid;

wherein $D_a < D_b$ where D_a is the maximum depth of the concave edge portion and D_b is the maximum depth of the depression; ~~and~~

wherein $W_a < W_b$ where W_a is the width of the concave edge portion of the end cutting edge and W_b is the maximum width of the depression; and

wherein $W/2 \leq W_a \leq 2W/3$.

23. (canceled).

24. (currently amended): An indexable insert comprising:

an end cutting edge at an end of a rake face;

the end cutting edge having a concave edge portion; and

a spherical depression formed in the rake face so as to extend continuously from the concave edge portion of the end cutting edge;

wherein the spherical depression has a curved peripheral surface that is a portion of a spheroid;

wherein $D_a < D_b$ where D_a is the maximum depth of the concave edge portion and D_b is the maximum depth of the depression; ~~and~~

wherein $W_a < W_b$ where W_a is the width of the concave edge portion of the end cutting edge and W_b is the maximum width of the depression; and

wherein $W/2 \leq W_a \leq 2W/3$.